# INDEX TO VOLUME V


A

Age, influence upon serum iron in normal subjects, 10
Agglutination reversal, mechanism of, 332
Amino-aciduria and copper metabolism in hepatolenticular degeneration, 16
Amperometric titration, determination of blood glutathione by, 30
Amyloidosis, primary, with renal and myocardial failure, 54
Anaemia, Cooley's, diagnosis of carriers of, 154
— iron storage and, 281
— megaloblastic, of pregnancy, folic acid therapy in, 329
— of pregnancy, the bone marrow in, 145
Anaemias, megaloblastic, vitamin $B_{12}$ concentrations of serum and urine in, 129
Angiomyxoma of the auricle, histogenesis of, 339
Anisotropic non-silicious crystalline inclusions in a dysgerminoma, 239
Antibiotic resistance in Gram-negative bacilli, 169
— sensitivity of pathogenic staphylococci, 165
— — tests, disc-, 356
Anticoagulant, dextran sulphate as, 366
Arteriopathy, necrotizing pulmonary, associated with pulmonary hypertension, 36
Arteriosclerosis, coronary, and calcification in infancy, 175
*Ascaris lumbricoides*, fragility of ova of, 363
Aseptic filling of screw-capped containers, 290
Aspiration and sternal biopsy needle, combined, 112

Association of Clinical Pathologists:
48th General Meeting, 213
49th General Meeting, 367

Astaldi, G., and Tolentino, P.: Studies on the pathogenesis of thalassaemia, 140
Auricle, histogenesis of angiomyxoma of, 339

B

Bacilli, Gram-negative, antibiotic resistance in, 169
Beattie, C. P., *see* Beverley, J. K. A., and Beattie, C. P.
Beverley, J. K. A., and Beattie, C. P.: Standardization of the dye test for toxoplasmosis, 350
Bidmead, D. S., and Watson, D.: The determination of blood glutathione by amperometric titration, 30
Blood, anticoagulant, dextran sulphate as, 366
— bottles, device for sampling, 365
— film for differential counts, new type of, 108
— glutathione determination by amperometric titration, 30
— — — by nitroprusside method, 25
— in urine, orthotolidine hydrochloride test for, 212
— salicylate estimations, micro-method for, 208
— serum protein-bound carbohydrate after injury, 194
— tissue uric acid values, 317
— transfusion, comparative study of direct matching techniques in, 102
Bone-marrow embolism, 63
— — human, culture *in vitro*, 67
— — in anaemia of pregnancy, 145
— — in Paget's disease, 86
— — value of rib biopsy in study of, 246

Book Reviews:
Blanc, W. A., *Syndromes Nouveaux de Pathologie Adipeuse*, 1951, 118
Cameron, G. R., *Pathology of the Cell*, 1952, 296
De Muylder, C. G., *The "Neurility" of the Kidney*, 1952, 297
Dyke, S. C., ed., *Recent Advances in Clinical Pathology*, 2nd ed., 1951, 113
Grant, R. T., and Reeve, E. B.: *Observations on the General Effects of Injury in Man (With Special Reference to Wound Shock)*, 1951, 116
Mollison, P. L., *Blood Transfusion in Clinical Medicine*, 1951, 115
Morison, J. E.: *Foetal and Neonatal Pathology*, 1951, 118
Muir's *Textbook of Pathology*, 6th ed., revised by D. F. Cappell, 1951, 113

Bowie, J. H., and Gould, J. C.: Colouring agents for use in disc-antibiotic sensitivity tests, 356
Burns, blood protein-bound carbohydrate after, 194

C

Calcification, coronary arteriosclerosis and, in infancy, 175
Cancer, relationship between serum copper and iron in, 190
Carbohydrate, blood protein-bound, after injury, 194
Carbohydrates in normal and abnormal cerebrospinal fluid, 319
Carbon dioxide requirements of small colony variants of *Staph. aureus*, 354
Carriers of Cooley's anaemia, diagnosis of, 154
Cerebrospinal fluid, carbohydrates in normal and abnormal, 319
— glucose estimation, intrathecal streptomycin and, 199
Chaplin, H., jun., Crawford, H., Cutbush, M., and Mollison, P. L.: The effects of a phenothiazine derivative (RP.3300) on red cell preservation, 91
Chemistry, clinical, running of standards in, 305
Cholesterol tolerance test in normal individuals, 203
Clark, A. E., *see* Hutt, M. S. R., Smith, P., Clark, A. E., and Pinniger, J. L.
Coagulohepatogram, construction and clinical significance of, 257
Colouring agents for use in disc-antibiotic sensitivity tests, 356
Containers, screw-capped, aseptic filling of, 290
Control chart, use in clinical chemistry, 305
Cook, G. T., and Jebb, W. H. H.: Starch-fermenting, gelatin-liquefying corynebacteria and their differentiation from *C. diphtheriae gravis*, 161
Cooley's anaemia, diagnosis of carriers of, 154
Copper metabolism in hepatolenticular degeneration, 16
— serum, in patients with neoplastic disease, 190
Coronary arteriosclerosis and calcification in infancy, 175
Corynebacteria, starch-fermenting, gelatin-liquefying, differentiation of, 161
*Corynebacterium diphtheriae gravis*, differentiation of starch-fermenting, gelatin-liquefying corynebacteria from, 161
Counting chamber, new, for the eosinophil count, 111
Crawford, H., *see* Chaplin, H., jun., Crawford, H., Cutbush, M., and Mollison, P. L.
Crome, L.: The histological changes in hydantoinate gingivitis, 244
Crystalline inclusions, anisotropic non-silicious, in a dysgerminoma, 239
Cutbush, M., *see* Chaplin, H., jun., Crawford, H., Cutbush, M., and Mollison, P. L.

D

Davidson, W. M., and Jennison, R. F.: The relationship between iron storage and anaemia, 281
Davies, G., Levin, B., and Oberholzer, V. G.: The micro estimation of serum iron and iron-binding capacity in normals and in disease, 312
Dextran sulphate as a blood anticoagulant, 366
Diabetes mellitus, liver glycogen in, 42
Differential counts, new type of blood film for, 108
Disc-antibiotic sensitivity tests, 356
Dodge, O. G.: A comparative study of direct matching techniques in blood transfusion, 102
Dye test for toxoplasmosis, standardization of, 350
Dysgerminoma, anisotropic non-silicious crystalline inclusions in, 239

E

Eastham, M. D., and Keay, K. R.: The carbohydrates in normal and abnormal cerebrospinal fluid, 319
Electrophoretic paper strips, apparatus for reading, 294
Embedding media, polyethylene glycols as, 345
Embolism, bone-marrow, 63
Eosinophil count, new counting chamber for the, 111
Epithelial tumours, primary, of the jaw, 225
Erythrocytes, polyagglutinability of, *in vivo*, 266
— trypsinated human, agglutination of, 332
*Escherichia coli*, pathogenic, media for isolation and differentiation of, 361
*Euglena gracilis*, vitamin $B_{12}$ assay in body fluids using, 250

F

Faecal fat, rapid method for determining, 288
Fahmy, N. I., and Ghalioungui, P.: The cholesterol tolerance test in normal individuals, 203

Fat, faecal, rapid method for determining, 288
Flame photometer determinations, effect of photo-electric cell temperature on, 286
Flocculation tests, mechanism and interrelationships of, 1
Fluorescin, transfer from *Ps. pyocyanea* to colonies of other bacteria, 359
Folic acid therapy in megaloblastic anaemia of pregnancy, 329

G

Ghalioungui, P., *see* Fahmy, N. I., and Ghalioungui, P.
Gingivitis, hydantoinate, histological changes in, 244
Glucose, cerebrospinal, intrathecal streptomycin and estimation of, 199
Glutathione, blood, determination by amperometric titration, 30
— — nitroprusside method for determination of, 25
Glycogen, liver, in diabetes mellitus, 42
Glycols, polyethylene, as embedding media, 345
Gould, J. C., *see* Bowie, J. H., and Gould, J. C.
Govan, A. D. T., *see* Scott, J. M., and Govan, A. D. T.
Gram-negative bacilli, antibiotic resistance in, 169
Griffiths, L. L.: A direct scanning apparatus for reading electrophoretic paper strips, 294

H

Haemagglutination technique in study of *Trichomonas vaginalis* infections, 275
Haemolysins, ox cell, in human serum, 324
Hall, M., and Ricketts, C. R.: The use of dextran sulphate as a blood anticoagulant in biological research, 366
Heart, angiomyxoma of the auricle, 339
Henig, E., *see* Rappaport, F., and Henig, E.
Henry, R. J., and Segalove, M.: The running of standards in clinical chemistry and the use of the control chart, 305
Hepatolenticular degeneration, amino-aciduria and copper metabolism in, 16
Hewer, T. F.: Primary epithelial tumours of the jaw, 225
Histochemical work, polyethylene glycols as embedding media in, 345
Hübener–Thomsen–Friedenreich phenomenon, 266
Hurst, L., and Lowbury, E. J. L.: Transfer of fluorescin from *Ps. pyocyanea* to colonies of other bacteria, 359
Hutt, M. S. R., Smith, P., Clark, A. E., and Pinniger, J. L.: The value of rib biopsy in the study of marrow disorders, 246
Hydantoinate gingivitis, histological changes in, 244
Hypertension, pulmonary, necrotizing pulmonary arteriopathy associated with, 36

I

Infancy, coronary arteriosclerosis and calcification in, 175
Injury, blood protein-bound carbohydrate after, 194
Intrathecal streptomycin and cerebrospinal glucose estimation, 199
Iron, serum, influence of age upon, 10
— — in patients with neoplastic disease, 190
— — micro-estimation of, 312
— storage and anaemia, 281
Iron-binding capacity of serum, unsaturated, determination of, 271
— — — — — micro-estimation of, 312

J

Jaw, epithelial tumours of, 225
Jebb, W. H. H., *see* Cook, G. T., and Jebb, W. H. H.
Jennison, R. F., *see* Davidson, W. M., and Jennison, R. F.
Johnstone, J. M.: True uric acid values, 317

K

Keay, K. R., *see* Eastham, M. D., and Keay, K. R.
Keyser, J. W.: Blood serum protein-bound carbohydrate after injury, 194
— *see* Spillane, J. D., Keyser, J. W., and Parker, R. A.

L

Lajtha, L. G.: Culture of human bone marrow *in vitro* ; the reversibility between normoblastic and megaloblastic series of cells, 67
Lecutier, M. A.: A case of the Schön'ein–Henoch syndrome with myocardial necrosis, 336
Levin, B., *see* Davies, G., Levin, B., and Oberholzer, V. G.
Leyton, G. B.: Ox cell haemolysins in human serum, 324
Linsell, W. D.: The antibiotic sensitivity of pathogenic staphylococci, 165
Liver, glycogen in diabetes mellitus, 42
Lowbury, E. J. L., *see* Hurst, L., and Lowbury, E. J. L.
Lunnon, J. B., *see* Maclagan, N. F., Martin, N. H., and Lunnon, J. B.

M

McEntegart, M. G.: The application of a haemagglutination technique to the study of *Trichomonas vaginalis* infections, 275
Maclagan, N. F., Martin, N. H., and Lunnon, J. B.: The mechanism and interrelationships of the flocculation tests, 1
Manners, T.: A new counting chamber for the eosinophil count, 111
Marrow disorders, value of rib biopsy in study of, 246
Martin, N. H., *see* Maclagan, N. F., Martin, N. H., and Lunnon, J. B.
Media for isolation and differentiation of pathogenic *Esch. coli*, 361
Megakaryocytes in Paget's disease, 86
Megaloblastic anaemia of pregnancy, extensive myeloid response during folic acid therapy in, 329
— anaemias, vitamin $B_{12}$ concentrations of serum and urine in, 129
— and normoblastic series of cells, reversibility between, 67
Micro-estimation of serum iron and iron-binding capacity, 312
Micro-method for blood salicylate estimations, 208
Mollin, D. L., and Ross, G. I. M.: The vitamin $B_{12}$ concentrations of serum and urine of normals and of patients with megaloblastic anaemias and other diseases, 129
Mollison, P. L., *see* Chaplin, H., jun., Crawford, H., Cutbush, M., and Mollison, P. L.
Mooney, F. S.: The diagnosis of carriers of Cooley's anaemia, 154
Moss, D. G.: A micro-method for blood salicylate estimations, 208
Myeloid response during folic acid therapy, 329
Myocardial and renal failure, primary amyloidosis with, 54
— necrosis, Schönlein–Henoch syndrome with, 336

N

Necrotizing pulmonary arteriopathy associated with pulmonary hypertension, 36
Needle, combined sternal biopsy and aspiration, 112
Neoplastic disease, relationship between serum copper and iron in, 190
Nephron nephrosis, lower, after transurethral resection of prostate, 234
Nephrosis, lower nephron, after transurethral resection of prostate, 234
Neufeld, O. E.: A rapid method for determining faecal fat, 288
Nitroprusside method for the determination of blood glutathione, 25
Normoblastic and megaloblastic series of cells, reversibility between, 67

O

Oberholzer, V. G., *see* Davies, G., Levin, B., and Oberholzer, V. G.
O'Hagan, J. E.: A simple method for the aseptic filling of screw-capped containers, 290
Orthotolidine hydrochloride test for blood in urine, 212
Osteitis deformans, bone marrow in, 86
Ostrom, B. W., *see* Spaet, T. H., and Ostrom, B. W.
Ova of *Ascaris lumbricoides*, fragility of, 363
Ox cell haemolysins in human serum, 324

P

Paget's disease, bone marrow in, 86
Panagglutinin, active against trypsinated human erythrocytes, 332
Parker, R. A., *see* Spillane, J. D., Keyser, J. W., and Parker, R. A.
Phenothiazine derivative (RP.3300), effects on red cell preservation, 91
Photo-electric cell temperature, effect on flame photometer determinations, 286
Photometer determinations, flame, effect of photo-electric cell temperature on, 286
Pinniger, J. L., *see* Hutt, M. S. R., Smith, R., Clark, A. E., and Pinniger, J. L.
Pirrie, R.: The influence of age upon serum iron in normal subjects, 10
— Serum copper and its relationship to serum iron in patients with neoplastic disease, 190
Pizzolato, P., and Raider, L.: The bone marrow in Paget's disease (osteitis deformans) with special emphasis on the megakaryocytes, 86
Polyagglutinability of erythrocytes *in vivo*, 266
Polyethylene glyco's as embedding media, 345
Potts, R. E.: Anisotropic non-silicious crystalline inclusions in a dysgerminoma of tuberculoid appearance, 239
Pregnancy, anaemia of, the bone marrow in, 145
— megaloblastic anaemia of, folic acid therapy in, 329
Prostate, transurethral resection of, lower nephron nephrosis after, 234
*Pseudomonas pyocyanea*, transfer of fluorescin from, 359
Pulmonary arteriopathy, necrotizing, associated with pulmonary hypertension, 36
— hypertension, necrotizing, pulmonary arteriopathy associated with, 36

R

RAEBURN, C.: The histogenesis of four cases of angiomyxoma of the auricle, 339
RAIDER, L., *see* Pizzolato, P., and Raider, L.
RAMALINGASWAMI, V., *see* Sriramachari, S., and Ramalingaswami, V.
RAPPAPORT, F., and HENIG, E.: Media for the isolation and differentration of pathogenic *Esch. coli* (serotypes O 111 and O 55), 361
Red cell preservation, effects of a phenothiazine derivative (RP. 3300) on, 91
REEPMAKER, J.: The relation between polyagglutinability of erythrocytes *in vivo* and the Hübener–Thomsen–Friedenreich phenomenon, 266
Renal and myocardial failure, primary amyloidosis with, 54
Reticulosarcoma of thyroid gland, diagnosis of, 183
Rib biopsy in the study of marrow disorders, 246
RICKETTS, C. R., *see* Hall, M., and Ricketts, C. R.
RIEBEN, W.: The construction and c'inical significance of the coagulohepatogram, 257
RITCHIE, G. M.: Extensive myeloid response during folic acid therapy in megaloblastic anaemia of pregnancy, 329
ROGERS, K. B.: The difficulty caused by the fragility of the ova of *Ascaris lumbricoides*, 363
ROSS, G. I. M.: Vitamin $B_{12}$ assay in body fluids using *Euglena gracilis*, 250
— *see* Mollin, D. L., and Ross, G. I. M.
RP.3300, effects on red cell preservation, 91
Running of standards in clinical chemistry, 305

S

Sa'icylate estimations, micro-method for blood, 208
Scanning apparatus for reading electrophoretic paper strips, 294
Scholarships in aid of scientific research, 364
Schönlein–Henoch syndrome with myocardial necrosis, 336
SCOTT, G. B. D.: The diagnosis of reticulosarcoma of the thyroid g'and, 183
SCOTT, J. M., and GOVAN, A. D. T.: The bone-marrow in the anaemia of pregnancy, 145
Screw-capped containers, aseptic filling of, 290
SEGALOVE, M., *see* Henry, R. J., and Segalove, M.
Serum, copper and iron in patients with neoplastic disease, 190
— iron and iron-binding capacity in normals and in disease, 312
— — in normal subjects, influence of age upon, 10
— ox cell haemolysins in human, 324
— panagglutinin active against trypsinated human erythrocytes, 332
— unsaturated iron-binding capacity of, 271
— vitamin $B_{12}$ concentrations of, in megaloblastic anaemias, 129
SHERRIS, J. C.: Two small colony variants of *Staph. aureus* iso'ated in pure culture from closed infected lesions and their carbon dioxide requirements, 354
SLADDEN, R. A.: Coronary arteriosclerosis and calcification in infancy, 175
SMITH, M. J. H.: Intrathecal streptomycin and cerebrospinal glucose estimation, 199
SMITH, P., *see* Hutt, M. S. R., Smith, P., Clark, A. E., and Pinniger, J. L.
SPAET, T. H., and OSTROM, B. W.: Studies on the normal serum panagglutinin active against trypsinated human erythrocytes. Part I: The mechanism of agg'utination reversal, 332
SPILLANE, J. D., KEYSER, J. W., and PARKER, R. A.: Amino-aciduria and copper metabolism in hepatolenticular degeneration, 16
SRIRAMACHARI, S., and RAMALINGASWAMI, V.: Polyethylene glycols as embedding media for histochemical work, 345
Standards, running, in clinical chemistry, 305
Staphylococci, antibiotic sensitivity of pathogenic, 165
*Staphylococcus aureus* in pure culture from closed infective lesions, 354
— — two small colony variants of, 354
Starch-fermenting, gelatin-liquefying corynebacteria, differentiation of, 161
Sternal biopsy and aspiration needle, combined, 112
Streptomycin and cerebrospinal fluid estimation, 199
SWINNEY, J., and TOMLINSON, B. E.: Lower nephron nephrosis after transurethral resection of the prostate, 234
SYMMERS, W. ST. C.: Necrotizing pulmonary arteriopathy associated with pulmonary hypertension, 36

T

Thalassaemia, studies on the pathogenesis of, 140
THOMPSON, B. A.: Combined sternal biopsy and aspiration needle, 112
— Device for sampling blood bottles, 365
THOMPSON, R. H. S., and WATSON, D.: The nitroprusside method for the determination of blood glutathione, 25
THOMSON, E. F.: The incidence of antibiotic resistance in Gram-negative bacilli in a general hospital, 169
Thyroid g'and, reticulosarcoma, diagnosis of, 183
TIERNEY, R. B. H.: Bone marrow embolism, 63
TOLENTINO, P., *see* Astaldi, G., and Tolentino, P.
TOMLINSON, B. E., *see* Swinney, J., and Tomlinson, B. E.
Toxoplasmosis, standardization of dye test for, 350
Transurethral resection of prostate, lower nephron nephrosis after, 234
*Trichomonas vaginalis* infections, haemagglutination technique in study of, 275
Trypsinated human erythrocytes, agglutination of, 332
Tumours, primary epithelial, of jaw, 225

U

Uric acid values, true, 317
Urine, orthotolidine hydrochloride test for blood in, 212
— vitamin $B_{12}$ concentrations of, in megaloblastic anaemias, 129

V

VALLANCE-OWEN, J.: Liver glycogen in diabetes mellitus, 42
VENTURA, S.: Determination of the unsaturated iron-binding capacity of serum, 271
Vitamin $B_{12}$ assay in body fluids using *Eug'ena gracilis*, 250
— — concentrations of serum and urine of patients with megaloblastic anaemias, 129

W

WATSON, D., *see* Bidmead, D. S., and Watson, D.
— *see* Thompson, R. H. S., and Watson, D.
WILLIAMS, A. W.: Primary amyloidosis with renal and myocardial failure, 54
WILSON, A. O.: The effect of photo-electric cell temperature on flame photometer determinations, 286
WOODRUFF, M. F. A.: A new type of blood film for differential counts, 108

Z

ZWARENSTEIN, H.: Orthotolidine hydrochloride test for blood in urine, 212


# INDEX TO ABSTRACTS

Entries followed by the letter P in brackets (P) refer to the reports of the General Meetings of the Association of Clinical Pathologists.


A

Actinomycosis, penicillin in, 298
Adenomatoid tumours of genital tract, 303
Amaurotic idiocy, pre-juvenile (P), 213
Amino-acid pattern in human foetal and maternal plasma, 124
Amino-acids, plasma, in liver and renal disease (P), 217
Amoebiasis, intestinal, chronic involvement of liver in, 223
Anaemia, acquired haemolytic, use of trypsin-modified erythrocytes as test cells in, 302
— aplastic, 126
— — fatal case following chloramphenicol therapy, 123
— atypical congenital haemolytic (P), 214
— Cooley's, foetal haemoglobin in, 302
— Mediterranean, inheritance of (P), 372
— megaloblastic, of pregnancy and puerperium, 301
— — vitamin $B_{12}$ in serum and urine of patients with (P), 214
— of thermal injury, 125, 126
Anaemia, pernicious, development of concept of (P), 372
Antibiotics, difficulties in use of (P), 367
— effect on *Ps. aeruginosa* and *Proteus vulgaris*, 299
— newer, bacteriologic studies of, 119
— — in pertussis, 221
— selective distribution in animal organs (P), 216
— steatorrhoea following use of, 299
— treatment of *H. influenzae* meningitis with, 121
Anti-haemophilic potency, testing of plasma and its fractions for (P), 368
Antimycotic chemotherapy, 299
Antithrombin titer in cystic fibrosis of pancreas, 301
Aplastic anaemia, 126
— — fatal case following chloramphenicol therapy, 123
Atherosclerosis, coronary, relationship of degree with age, 128
Aureomycin in surgical infections, 298
— use in children, 121

B

Bacteria, pathogenic, survival on cotton-wool swabs, 373
Bacteriostatic activity, electrolytes and *in vitro* (P), 216
*Bacterium coli*, specific serological types of, in children (P), 216
Barbiturate levels in cases of intoxication (P), 219
Blood and urine diastase during acute pancreatitis, 223
— constituents, normal values for (P), 370
— count, physiological variations in (P), 372
— in urine, chemical tests for, 299
— occult, in faeces, detection of, 300
— of cyclotron workers, unusual finding in, 302
— pyruvic acid estimations during glucose tolerance test, 223
— transfusion, by siliconelined syringe in haemorrhagic thrombocytopathia, 223
— — compatibility tests preceding (P), 214
— — during 1951 in hospital group of 700 beds (P), 215
— — errors in cross-matching test (P), 215
Body water, total, N-acetyl 4-aminoantipyrine in measurement of, 300
Bone marrow, aspiration, neoplastic cells in, 374
— — disorders, rib biopsy in (P), 214
— — in hyperthyroidism and hypothyroidism, 302
Brucellosis, new method for treatment of, 123
Burns, liver function in, 126
— pigment excretion in patients with, 125
— renal function studies in, 373
Burying, disposal of the body by (P), 220

C

Calciferol, action in lupus vulgaris (P), 371
Cancer as sequel to war wounds, 374
— primary, of liver, 304
Carcinoma, hepatic, in haemochromatosis, 304
Cardiac glycogen storage disease, familial, 304
Chemotherapy, antimycotic, 299
Chloramphenicol, fatal aplastic anaemia following, 123
— in bacillary urinary infections, 221
— in dysentery due to sulfonamide resistant *Shigella sonnei*, 122
— in *H. influenzae* meningitis, 121
— in typhoid, 122
— in typhoid or paratyphoid fever in infants, 122
Chloromycetin, *see* Chloramphenicol
Cirrhosis of liver, water retention associated with, 300
Coagulation defect in tromexan therapy (P), 369
— — from Rh isosensitization, 224
— time, normal, haemophilia associated with, 127
Compatibility tests, preceding transfusion (P), 214
Complement, nature of (P), 218
— role in Donath–Landsteiner reaction, 127
Cooley's anaemia, presence of foetal haemoglobin in, 302
Coronary atherosclerosis, relationship of degree with age, 128
Cortisone therapy, effect on histology of rheumatoid arthritic joints (P), 219
Cross-matching test, errors in (P), 215
Cryoglobulinaemia in multiple myelomatosis, 374
Cyclotron workers, unusual finding in blood of, 302
Cystadenoma lymphomatosum, papillary, of the parotid gland, 224
Cystic fibrosis of pancreas, antithrombin titer in, 301
Cytochemical methods in diagnostic haematology (P), 369

D

Diastase, blood and urine, during transient acute pancreatitis, 223
Diphtheria carriers, treatment with tyrothricin, 120
Donath–Landsteiner reaction, role of complement in, 127
Dudgeon's rapid smear technique, diagnostic value of (P), 213
Dysentery, chloromycetin in, 122
— due to sulphonamide-resistant *Shigella sonnei*, 122

E

Electrolytes and *in vitro* bacteriostatic activity (P), 216
Electrophoresis, strip paper (P), 370
Embryological tumour of retinal anlage involving the skull, 224
Enzyme levels, serum, in perforated peptic ulcer, 222
Eosinophil counting, modification of Pilot's method, 374
Epinephrine, hypersplenic syndromes before and after, 126
Epithelioma, self-healing, of skin, 303
Erythrocytes, trypsin-modified, as test cells in acquired haemolytic anaemia, 302

F

Faeces, detection of occult blood in, 300

G

Gastric arteries, pathology of (P), 367
— tumours, benign polypoid (P), 367
Genital tract, mesotheliomas of, 303
Glucose tolerance test, value of blood pyruvic acid estimations during, 223
Glycogen storage disease, 304
Gout, effects of drugs on plasma uric acid and urinary uric acid in, 373

H

Haematology, cytochemical methods in diagnostic (P), 369
Haematuria, sulphonamide, 120
Haemochromatosis, primary carcinoma of liver in, 304
Haemoglobin, foetal, in Cooley's anaemia, 302
Haemoglobinuria, paroxysmal cold, haemolysis in, 127
Haemolysis in paroxysmal cold haemoglobinuria, 127
Haemolytic anaemia, atypical congenital (P), 214
— disease of newborn, conservative treatment of (P), 372
Haemophilia associated with normal coagulation time, 127
— in the female, 127
*Haemophilus influenzae* meningitis, chloramphenicol and other antibiotics in, 121
Haemorrhagic thrombocytopathia, blood transfusion in, 223
Hepatitis, chronic amoebic, 223
— homologous serum, apparently caused by human thrombin, 374
Hypersplenic syndromes before and after epinephrine, 126
— — splenic arterial and venous blood studies, 126
Hypertension, primary pulmonary, 128
Hyperthyroidism, bone marrow in, 302
Hypothyroidism, bone marrow in, 302

I

Idiocy, amaurotic, pre-juvenile (P), 213
Inclusion disease, 124
Iron, histologically demonstrable, in sternal marrow biopsies (P), 369
— metabolism in pregnancy, 300
Isoniazid, sensitivity and resistance of *M. tuberculosis* to (P), 371

L

Leukaemia, acute, streptomyces fermentation derivatives in, 302
Leukaemic cells, primitive, differentiation of (P), 368
Lingular biopsy in mitral stenosis (P), 368
Liver, chronic involvement in intestinal amoebiasis, 223
— disease, plasma amino-acids in (P), 217
— function in patients with burns, 126
— in newborn, circulatory changes in (P), 213
— primary cancer of, 304
— primary carcinoma of, in haemochromatosis, 304
Lupus vulgaris, action of calciferol in (P), 371

M

Medicine, modern, the individual and the group in (P), 372
Megaloblastic anaemia of pregnancy and puerperium, 301
— — vitamin $B_{12}$ in serum and urine of patients with (P), 214
Melanomata, visceral, origin of (P), 368
Meningitis, *H. influenzae*, chloramphenicol and other antibiotics in, 121
— terramycin in, 298
Mesothelioma of female genital tract, 303
Mesotheliomas, benign, of genital tract, 303
Mitral stenosis, lingular biopsy in (P), 368
Mycoses, chemotherapy of, 299
*Myocobacterium tuberculosis*, sensitivity and resistance to isoniazid (P), 371
Myelomatosis, multiple, cryoglobulinaemia in, 374

N

NAAP in measurement of total body water, 300
N-acetyl 4-aminoantipyrine in measurement of total body water, 300
Naevi, cellular, 304
Necropsy findings in three members of a family (P), 220
Neomycin, results of clinical use of, 120
Neoplastic cells in bone marrow aspiration, 374
Nocardamin, a new antibiotic, 221
*Nocardia*, new antibiotic from species of, 221

P

Pancreas, antithrombin titer in systic fibrosis of, 301
Pancreatitis, transient acute, blood and urine diastase during, 223
Papain-treated red cells in detection of rhesus antibody (P), 372
Paper strip electrophoresis (P), 370
Paratyphoid in infants, chloramphenicol in, 122
Parotid gland, papillary cystadenoma lymphomatosum of, 224
Penicillin in actinomycosis, 298

Peptic ulcer, fatal haemorrhage from (P), 367
— — perforated, raised serum-enzyme levels in, 222
Periarteritis nodosa, renal lesions in, 128
Pertussis, newer antibiotics in, 221
Phenols, plasma, in liver and renal disease (P), 217
Phosphatase reaction, identification of *Staph. pyogenes* by, 222
Phosphorus, radioactive, in treatment of polycythemia vera, 127
Pigment excretion in patients with burns, 125
Pilot's method of eosinophil counting, 374
Plasma amino-acids and phenols in liver and renal disease (P), 217
— human foetal and maternal, amino-acid pattern in, 124
— labile factor, activity in disease, 125
— testing of, for anti-haemophilic potency (P), 368
Pleurodynia, epidemic, aetiology of, 124
— — viruses isolated from outbreak of, 124
Polycythemia vera, treatment with radioactive phosphorus, 127
Polymyxins, oral, in chronic *Shigella* infections, 373
Potassium deficiency, early detection of (P), 369
Pregnancy, iron metabolism in, 300
— megaloblastic anaemia of, 301
*Proteus vulgaris*, effect of antibiotics on, 299
*Pseudomonas aeruginosa*, effect of antibiotics on, 299
*Pseudomonas pyocyaneus*, renal localization in mice (P), 371
Puerperium, megaloblastic anaemia of, 301
Pulmonary hypertension, primary, 128
Pyruvic acid estimations during glucose tolerance test, 223

Q

Q fever in Great Britain, causative agent of, 124

R

Radioactive and metabolic methods of thyroid investigation (P), 218
— phosphorus, in treatment of polycythemia vera, 127
Red cells, papain-treated, in detection of rhesus antibody (P), 372
Renal clearance tests, single injection methods for (P), 218
— disease, plasma amino-acids in (P), 217
— function studies in severely burned patients, 373
— lesions in periarteritis nodosa, 128
— localization of *Ps. pyocyaneus* in mice (P), 371
Resins in treatment of water retention associated with cirrhosis of liver, 300
Retinoblastoma, pigmented, 224
Rhesus antibody, papain-treated red cells in detection of (P), 372
— isosensitization, coagulation defects with intrauterine death from, 224
Rheumatoid arthritic joints, effect of cortisone therapy on (P), 219
Rib biopsy in marrow disorders (P), 214

S

Salivary gland virus infection, generalized, 124
Serum enzyme levels, raised, in perforated peptic ulcer, 222
*Shigella* infection in children, oral polymyxins in, 373
*Shigella sonnei* dysentery due to sulphonamide resistant, 122
Sickle-cell trait, inheritance of (P), 372
Skin, self-healing epithelioma of, 303
Skull, embryological tumour of, 224
Spirochaetes, Vincent's, demonstration of, 373
*Staphyloccus pyogenes*, identification by phosphatase reaction, 222
Steatorrhoea, following use of antibiotics, 299
Sternal marrow biopsies, histologically demonstrable iron in (P), 369
Stomach, benign polypid tumours of (P), 367
Streptomyces, fermentation derivatives in acute leukaemia, 302
Streptomycin, enhancement of action of, 121
— resistance in strains of tubercle bacilli, 221
Sulphonamide haematuria, 120
Swabs, cotton-wool, survival of pathogenic bacteria on, 373

T

Terramycin, clinical observations on, 121
— in meningitis, 298
Test meal, tubeless (P), 370
Tetanus, combined active-passive re-immunization against, 119
Thermal injury, anaemia of, 125, 126
Thrombin, human, epidemic of homologous serum hepatitis apparently caused by, 374
Thrombocytopathia, haemorrhagic, blood transfusion by siliconelined syringe in, 223
Thrombocytopenic purpura, thrombocytopenic factor in blood in, 302
Thyroid investigation, radioactive and metabolic methods of (P), 218
Toxoplasmosis, incidence of north-west England, 123
— transmission of antibody from mother to foetus, 123
Transfusion, compatibility tests preceding (P), 214
Tromexan therapy, coagulation defect in (P), 369
Trypsin-modified erythrocytes as test cells in acquired haemolytic anaemia, 302
Tubeless test meal (P), 370
Tubercle bacilli, cultures from laryngeal swabs and gastric washings, 222
— — streptomycin resistance in strains of, 221
Tuberculosis investigations, risk in routine (P), 371
Typhoid fever, chloramphenicol in, 122
— — in infants, chloramphenicol in, 122
Tyrothricin, diphtheria carriers treated with, 120

U

Uric acid, plasma and urinary, in gout, 373
Urinary infections, bacillary, chloramphenicol in, 221
Urine, chemical tests for blood in, 299
Uterus, mesothelioma of, 303

V

Vincent's spirochaetes, demonstration of, 373
Virus infection, generalized salivary gland, 124
Viruses isolated from outbreak of epidemic pleurodynia, 124
Vitamin $B_{12}$ group of factors, 303
— — in serum and urine of patients with megaloblastic anaemia (P), 214

W

War wounds, cancer as sequel to, 374
Wassermann reactions, biological reactions in (P), 217
Water retention associated with cirrhosis of liver, 300
Wounds, war, cancer as sequel to, 374

# AUTHORS OF ARTICLES ABSTRACTED

A

Aagard, K., 120
Angrist, A., 301
Armstrong, C. W. J., 299
Axelrod, A. R., 302
Axelrod, J., 300

B

Baar, H. S., 213
Baglione, L., 120
Baker, T. E., 123
Bangle, R., 304
Barber, M., 222
Barnard, R. D., 302
Barnes, R. W., 221
Barnes, S. W., 302
Basora y DeFillo, J., 121
Beidleman, H., 120
Bene, E., 373
Benjamin, J. W., 301
Benjamin, M., 373
Berger, E. Y., 300
Bergman, R. T., 221
Berman, L., 302
Blades, A. N., 374
Blake, F. G., 121
Bonfils, S., 223
Booher, C. E., 221
Boon, T. H., 126
Bouroncle, B. A., 126, 127
Brack, A., 221
Brodie, B. B., 300
Bruger, M., 300
Buckingham, M., 124
Burkhardt, R., 302

C

Canetti, G., 221
Caplan, H., 299
Cecil, G. W., 374
Charteris, A. A., 303
Clancy, C. F., 120
Clarke, B. E., 224
Cooper, M. L., 122
Crumpler, H. R., 124

D

Dacie, J. V., 214, 368
Damashek, W., 223, 302
Dankner, A., 223
Darmady, E. M., 217
Davson, J., 128
De Bakey, M. E., 373
Deltour, G., 223
Denman, F. R., 373
Dent, C. E., 124
Diamond, L. K., 224
Dingle, J. H., 127
Discombe, G., 299
Doan, C. A., 126
Dockerty, M. B., 303
Douglas, A. S., 369
Drake, W. L., 304
Dry, T. J., 128
Duncan, G. G., 120
Dunning, M. F., 300
Durant, J. A., 217, 370
Dyke, S. C., 372

E

Edwards, J. E., 128
Emery, J. L., 213
Enders, J. F., 124
Enticknap, J. B., 368
Evans, E. I., 125, 126

F

Farinaud, M. E., 122
Farrell, J. B., 221

Favre-Gilly, J., 223
Fine, J., 298
Finn, J. J., 124
Fisch, C., 300
Flindthausen, E., 120
Földvari, F., 298
Foote, J. B., 218
Friou, G. J., 121

G

Gennes, L. de, 223
Gibson, 213
Gilbertson, E., 127
Gilje, A., 222
Gillis, L., 374
Glover, D. M., 224
Goldsmith, K., 372
Gorrill, R. H., 371
Gray, J. D. A., 367

H

Hall, H. E., 121
Hamolsky, M. W., 374
Harkness, J., 217, 370
Harrington, W. J., 302
Hayhoe, F. G. J., 369
Haynes, B. W., 373
Heifetz, C. J., 223
He'mhold, R., 121
Herrell, W. E., 123
Hirsch, I., 223
Hoffman, A., 299
Hoffmann, R. J., 123
Holden, H. S., 220
Hollingsworth, J. W., 302
Holmberg, R. E., 224
Horley, J. F., 372
Horn, R. C., 303
Hoyne, A. L., 298
Hughes, W. H., 371
Humble, J. G., 372
Hunt, A. D., 121
Hutchison, H. E., 369
Hutt, M. S. R., 214

I

Imburg, J., 121
Ingram, M., 302
Innerfield, I., 301
Israëls, M. C. G., 127

J

James, G. W., 125, 126
Jawetz, E., 373
Jordan, W. S., 127

K

Keller, H. M., 122
Kersley, G. D., 373
King, D., 219
King, E. J., 370
Klopper, A., 300
Knox, R., 371
Kuper, S. W. A., 222

L

Lacey, B. W., 216
Landing, B. H., 304
Larner, A. E., 299
Lee, M. J., 303
Lee, S., 374
Lempert, H., 127
Lesses, M. F., 374
Lewis, G. C., 303
Lieberman, D., 373
Lindan, O., 124
Liquori, A. M., 302
Lloyd, O. C., 368
Lopez, J. Chabás, 299
Loud, P. A., 217

M

McCrumb, F. R., 121
MacDonald, A., 123
MacFarlane, J. C. W., 374
Mackenzie, D. H., 218
Maclagan, N. F., 218
Mandel, L., 373
Marie, J., 122
Marks, J., 372
Marland, P., 122
Marrack, J. R., 218
Martin, N. H., 370
Masson, P., 304
Merideth, A., 121
Merliss, R. R., 299
Merskey, C., 127
Miller, J. L., 119
Minnich, V., 302
Mollin, D. L., 214
Mollison, P. L., 214 (2)
Moore, C. V., 302
Moser, R. H., 300
Myers, W. G., 127

N

Naftalin, L., 369
Nickolls, L. C., 219
Nissen, N. I., 120
Nola, F. di, 120

O

Osborn, G. R., 367

P

Parsons, H., 224
Peranio, A., 300
Pickett, R. D., 300
Pillemer, L., 127
Pinniger, J. L., 214
Pitney, W. R., 368
Porosowska, Y., 300
Portes, L., 122
Pratt, J., 223
Price, D. E., 220
Pulvertaft, R. J. V., 372
Purnell, O. J., 125, 126

R

Rees, R. J. W., 121
Reid, D. E., 224
Renz, J., 221
Rice, H. M., 217
Rich, M. L., 123
Richards, H. G. H., 367
Richardson, N., 214
Riff, E. R., 298
Ritterhoff, R. J., 123
Robson, J. M., 121
Roby, C. C., 224
Rohn, R. J., 127
Rosenak, B. D., 300
Rosenthal, M. C., 302
Ross, G. I. M., 214
Rubbo, S. D., 373
Rubinstein, M. A., 374
Rutenberg, A. M., 298
Ryan, M. L., 119

S

Saenz, A., 221
Sandler, R., 223
Schweinburg, F. B., 298
See, G., 122
Selwyn, J. G., 214
Seringe, P., 122
Smelin, A., 374
Smith, D. Robertson, 368
Smith, E. Lester, 303
Smith, M. G., 124
Smith, P., 214
Spencer, H., 128
Spicer, S., 119
Steele, J. M., 300
Stefanini, M., 125
Stewart, C. P., 218
Stewart, G. T., 216
Stoker, M. G. P., 124
Stoll, A., 221
Stratton, F., 215

T

Tashman, S. G., 121
Thompson, G. J., 303
Thompson, R. B., 301
Tovey, G. H., 215

U

Ungar, J., 216
Ungley, C. C., 301

V

Vago, S. C., 373
Vellios, F., 124
Ventura, S., 300

W

Wagner, R. R., 121
Wainwright, J., 128
Walton, J. N., 126
Wapshaw, H., 222
Warren, S., 304
Waugh, J. M., 303
Weiner, A. E., 224
Weller, T. H., 124
West, E. J., 221
Wetherley-Mein, G., 371
White, N. K., 128
Whitlock, C. M., 121
Wilson, D., 219
Wilson, W. M., 221
Wiseman, B. K., 127
Wolgamot, J. R., 120
Wootton, I. D. P., 370
Wright, C. S., 126

Z

Zeitlhofer, J., 304
Zollinger, R. M., 126